

## ABSTRACT

The invention provides a solution/device of controlling external parameters by using

of the same data cable and specific software to transfer / receive message and

monitor/controlling external parameters in a system. Additionally, the invention is

5 compatible with ATA/ATAPI by using of ATA protocol or side-band protocol to make

a main system communicates with other device(s) through original ATA/ATAPI

device's data cable.

Also, the invention is using by the system's data cables and non-standard controlling

sequence to transfer and receive message by the same cable to connect with the

10 external devices for monitoring/ controlling external parameters. Hence, those

advantages are data wires in the invention shall be reduced and simplified

loops. Also, the invention can decrease the manufacture costs and get a better

heating dissipation.